| L<br>Number | Hits | Search Text  | DB  | Time stamp                   |
|-------------|------|--|---|------------------------------|
| 3           | 8    | beach adj wall   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/01/16<br>20:28          |
| 4           | 467  | sea adj wall   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/01/16<br>20:28          |
| 5           | 190  | (sea adj wall) and (block or module)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/01/16<br>20:29          |
| 6           | 83   | (sea adj wall) same (block or module)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/01/16<br>20:29          |
| 7           | 73   | (US-4431337-\$ or US-4341489-\$ or US-4027486-\$ or US-5879105-\$ or US-1593863-\$ or US-5238326-\$ or US-5122015-\$ or US-4142816-\$ or US-3991576-\$ or US-4206748-\$ or US-0953051-\$ or US-4206748-\$ or US-6296237-\$ or US-6431793-\$ or US-6296237-\$ or US-6431793-\$ or US-6197398-\$ or US-5860772-\$ or US-5788413-\$ or US-5690448-\$ or US-5564864-\$ or US-5529438-\$ or US-5360294-\$ or US-5529438-\$ or US-5261766-\$ or US-5350255-\$ or US-5261766-\$ or US-55446307-\$ or US-554467015-\$).did. or (US-RE35272-\$ or US-5259696-\$ or US-556429-\$ or US-5564369-\$ or US-5575584-\$ or US-5564369-\$ or US-5575584-\$ or US-5700108-\$ or US-5246307-\$ or US-5238325-\$ or US-4900188-\$ or US-4856933-\$ or US-4844654-\$ or US-4856933-\$ or US-4844654-\$ or US-4776725-\$ or US-4776724-\$ or US-4776725-\$ or US-4776724-\$ or US-4776725-\$ or US-4776724-\$ or US-4776991-\$ or US-4712944-\$ or US-4749691-\$ or US-4264233-\$ or US-4407607-\$ or US-4264233-\$ or US-434266-\$ or US-4118937-\$ or US-3938338-\$ or US-4264233-\$ or US-3938338-\$ or US-3894397-\$ or US-3894397-\$ or US-3894397-\$ or US-3894397-\$ or US-3894299-\$ or US-3755829-\$ or US-38946990-\$ or US-38942606-\$ or US-38942499-\$ or US-3894260-\$ or US-3894299-\$ or US-3894260-\$ or US-3894299-\$ or US-3894260-\$ or US-3894299-\$ or US-3894260-\$ or US-3894299-\$ or US-389624-\$ ).did. or (US-20020172814-\$ ).did. or (US-20020172814-\$ ).did. or (US-5501546-\$ or US-3896624-\$ ).did. or (US-20020172814-\$ ).did. or (US-5501546-\$ or US-3896624-\$ ).did. or (US-5501546-\$ or US-5887150-\$ or | USPAT;<br>US-PGPUB;<br>EPO;<br>DERWENT      | 2004/01/16 20:38             |
| 8           | 1    | SU-709756-\$).did.<br>(US-0527513-\$).did.   | USOCR                                       | 2004/01/16                   |
|             | 26   | (("0527513") or ("1593863") or ("3237414") or ("3373821") or ("3755829") or ("3822499") or ("3842606") or ("3846990") or ("3894397") or ("3938338") or ("4027486") or ("4118937") or ("4175887") or ("4178517") or ("4234266") or ("4264233") or ("4341489") or ("4264233") or ("4341489") or ("4691661") or ("4712944") or ("4729691") or ("4729692") or ("4776724") or ("4776725")).PN.  | USPAT                                       | 20:38<br>2003/01/15<br>13:54 |

|            |          |  |                    | 10000 (01 (04 |
|------------|----------|--|--------------------|---------------|
| -          | 19       | (("4844654") or ("4856933") or   | USPAT              | 2003/01/14    |
|            |          | ("4856934") or ("4856935") or ("4900188")  |                    | 10:17         |
| İ          | -        | or ("5104258") or ("5122015") or   |                    |               |
|            |          | ("5192161") or ("5238325") or ("5238326")<br>or ("5246307") or ("5250696") or    |                    |               |
|            |          | ("5259696") or ("5556229") or ("5564369")  |                    |               |
|            |          | or ("5575584") or ("5700108") or   |                    |               |
|            |          | ("5879105") or ("4748338")).PN.  |                    |               |
| l          | 2        | "2663900"  | EPO; JPO;          | 2003/01/14    |
| -          |          | 2003300  | DERWENT            | 10:19         |
| _          | 3        | "805789"   | EPO; JPO;          | 2003/01/14    |
|            |          | 000703   | DERWENT            | 10:48         |
| _          | 186      | (405/26).CCLS.   | USPAT;             | 2003/01/14    |
|            |          |  | US-PGPUB;          | 11:00         |
|            |          |  | EPO; JPO           |               |
| -          | 1521     | (405/21,30,28,33,35,63,70,76).CCLS.  | USPAT;             | 2003/01/14    |
|            |          |  | US-PGPUB;          | 11:01         |
|            |          |  | EPO; JPO           | 1             |
| -          | 0        | ("07 or 8").PN.  | USPAT;             | 2003/01/14    |
|            |          |  | US-PGPUB;          | 11:00         |
|            |          |  | EPO; JPO           |               |
| ļ <b>-</b> | 1660     | ((405/26).CCLS.) or  | USPAT;             | 2003/01/14    |
| ]          |          | ((405/21,30,28,33,35,63,70,76).CCLS.)  | US-PGPUB;          | 13:30         |
|            |          |  | EPO; JPO           | 0000 /01 /14  |
| -          | 40       | (john adj clark).in.   | USPAT;             | 2003/01/14    |
| 1          |          |  | US-PGPUB;          | 12:00         |
|            | 1.00     | ( / / / ADE / 2 C) GGT G \ - ==  | EPO; JPO           | 2002/01/14    |
| [ -        | 162      | (((405/26).CCLS.) or   | USPAT;             | 2003/01/14    |
|            |          | ((405/21,30,28,33,35,63,70,76).CCLS.))   | US-PGPUB;          | 12:01         |
|            | 243      | and (dissipat\$4 same energy) (((405/26).CCLS.) or                               | EPO; JPO<br>USPAT; | 2003/01/14    |
| -          | 243      | ((405/26).CCLS.) or<br>((405/21,30,28,33,35,63,70,76).CCLS.))                    | US-PGPUB;          | 12:02         |
|            |          | and hollow   | EPO; JPO           | 12.02         |
| _          | 43       | ((((405/26).CCLS.) or  | USPAT;             | 2003/01/14    |
|            |          | (((405/21,30,28,33,35,63,70,76).CCLS.))  | US-PGPUB;          | 12:03         |
|            |          | and hollow) and flang\$4   | EPO; JPO           |               |
| -          | 11       | (((((405/26).CCLS.) or   | USPAT;             | 2003/01/14    |
|            |          | ((405/21,30,28,33,35,63,70,76).CCLS.))   | US-PGPUB;          | 12:12         |
|            |          | and hollow) and flang\$4) and recess   | EPO; JPO           |               |
| -          | 9        | "1164708"  | USPAT;             | 2003/01/14    |
| ]          |          |  | US-PGPUB;          | 12:15         |
|            |          |  | EPO; JPO           |               |
| -          | 30       | "2876628"  | USPAT;             | 2003/01/14    |
|            |          |  | US-PGPUB;          | 12:15         |
|            |          | (////0507512/1) ////50066/1)   | EPO; JPO           | 0000 (01 (14  |
| -          | 45       | ((("0527513") or ("1593863") or  | USPAT;             | 2003/01/14    |
|            |          | ("3237414") or ("3373821") or ("3755829")  | US-PGPUB;          | 13:30         |
|            |          | or ("3822499") or ("3842606") or<br>("3846990") or ("3894397") or ("3938338")    | EPO; JPO           |               |
|            |          | or ("3846990") or ("3894397") or ("3938338")<br>or ("4027486") or ("4118937") or |                    |               |
|            |          | ("4175887") or ("4178517") or ("4234266")  |                    |               |
|            |          | or ("4264233") or ("4341489") or   |                    |               |
|            |          | ("4407607") or ("4431337") or ("4669913")  |                    |               |
|            |          | or ("4691661") or ("4712944") or   |                    |               |
|            |          | ("4729691") or ("4729692") or ("4776724")  |                    |               |
|            |          | or ("4776725")).PN.) or ((("4844654") or   |                    |               |
| ,          |          | ("4856933") or ("4856934") or ("4856935")  |                    |               |
|            |          | or ("4900188") or ("5104258") or   |                    |               |
|            |          | ("5122015") or ("5192161") or ("5238325")  |                    |               |
|            |          | or ("5238326") or ("5246307") or   |                    |               |
|            |          | ("5250696") or ("5259696") or ("5556229")  |                    |               |
|            |          | or ("5564369") or ("5575584") or   |                    |               |
|            |          | ("5700108") or ("5879105") or  |                    |               |
|            | 1.55     | ("4748338")).PN.)  | HCDAM.             | 2002/01/14    |
| ~          | 1660     |  | USPAT;             | 2003/01/14    |
|            |          | ((405/21,30,28,33,35,63,70,76).CCLS.)  | US-PGPUB;          | 13:30         |
|            | <b>!</b> |  | EPO; JPO           | <u> </u>      |

|   |       | (11150005011)   | 110000              | 2002/01/14          |
|---|-------|---|---------------------|---------------------|
| - | 46    | ((("0527513") or ("1593863") or<br>("3237414") or ("3373821") or ("3755829")          | USPAT;<br>US-PGPUB; | 2003/01/14<br>13:32 |
|   |       | or ("3822499") or ("3842606") or  | EPO; JPO            | 13.32               |
|   |       | ("3846990") or ("3894397") or ("3938338")   | 210, 010            |                     |
|   |       | or ("4027486") or ("4118937") or  |                     | 1                   |
|   |       | ("4175887") or ("4178517") or ("4234266")   |                     |                     |
|   |       | or ("4264233") or ("4341489") or  |                     |                     |
|   |       | ("4407607") or ("4431337") or ("4669913")   |                     |                     |
|   |       | or ("4691661") or ("4712944") or  |                     |                     |
|   |       | ("4729691") or ("4729692") or ("4776724")   |                     |                     |
|   |       | or ("4776725")).PN.) or ((("4844654") or<br>("4856933") or ("4856934") or ("4856935") |                     |                     |
|   |       | or ("4900188") or ("5104258") or  |                     |                     |
|   |       | ("5122015") or ("5192161") or ("5238325")   |                     |                     |
|   |       | or ("5238326") or ("5246307") or  |                     |                     |
|   |       | ("5250696") or ("5259696") or ("5556229")   |                     |                     |
|   |       | or ("5564369") or ("55 <b>7</b> 5584") or   |                     |                     |
|   |       | ("5700108") or ("5879105") or   |                     |                     |
|   | 1.671 | ("4748338")).PN.)   | HCDAM.              | 2002/01/14          |
| - | 1671  | (((("0527513") or ("1593863") or<br>  ("3237414") or ("3373821") or ("3755829")       | USPAT;<br>US-PGPUB; | 2003/01/14          |
|   |       | or ("3822499") or ("3842606") or  | EPO; JPO            | 13.32               |
|   |       | ("3846990") or ("3894397") or ("3938338")   | 210, 010            |                     |
|   |       | or ("4027486") or ("4118937") or  |                     |                     |
|   |       | ("4175887") or ("4178517") or ("4234266")   |                     |                     |
|   |       | or ("4264233") or ("4341489") or  |                     |                     |
|   |       | ("4407607") or ("4431337") or ("4669913")   |                     |                     |
|   |       | or ("4691661") or ("4712944") or  |                     |                     |
|   |       | ("4729691") or ("4729692") or ("4776724")   |                     |                     |
|   |       | or ("4776725")).PN.) or ((("4844654") or<br>("4856933") or ("4856934") or ("4856935") |                     |                     |
|   |       | or ("4900188") or ("5104258") or  |                     |                     |
|   |       | ("5122015") or ("5192161") or ("5238325")   |                     |                     |
|   |       | or ("5238326") or ("5246307") or  |                     |                     |
|   |       | ("5250696") or ("5259696") or ("5556229")   |                     |                     |
|   |       | or ("5564369") or ("5575584") or  |                     |                     |
|   |       | ("5700108") or ("5879105") or   |                     |                     |
|   |       | ("4748338")).PN.) ) or (((405/26).CCLS.)  |                     |                     |
|   |       | or ((405/21,30,28,33,35,63,70,76).CCLS.)  |                     |                     |
| - | 108   |   | USPAT;              | 2003/01/14          |
|   | 100   | ("3237414") or ("3373821") or ("3755829")   | US-PGPUB;           | 13:33               |
|   |       | or ("3822499") or ("3842606") or  | EPO; JPO            |                     |
|   |       | ("3846990") or ("3894397") or ("3938338")   |                     |                     |
|   |       | or ("4027486") or ("4118937") or  |                     |                     |
|   |       | ("4175887") or ("4178517") or ("4234266")   |                     |                     |
|   |       | or ("4264233") or ("4341489") or  |                     |                     |
|   |       | ("4407607") or ("4431337") or ("4669913")<br>or ("4691661") or ("4712944") or         |                     |                     |
|   |       | ("4729691") or ("4729692") or ("4776724")   |                     |                     |
|   |       | or ("4776725")).PN.) or ((("4844654") or  |                     |                     |
|   |       | ("4856933") or ("4856934") or ("4856935")   |                     |                     |
|   |       | or ("4900188") or ("5104258") or  |                     |                     |
|   |       | ("5122015") or ("5192161") or ("5238325")   |                     |                     |
|   |       | or ("5238326") or ("5246307") or  |                     |                     |
|   |       | ("5250696") or ("5259696") or ("5556229")<br>or ("5564369") or ("5575584") or         |                     |                     |
|   |       | ("5700108") or ("5879105") or   |                     |                     |
|   |       | ("4748338")).PN.)) or (((405/26).CCLS.)   |                     |                     |
|   |       | or ((405/21,30,28,33,35,63,70,76).CCLS.)  |                     |                     |
|   |       | ) ) and (flanged or flange)   |                     |                     |

|    | 1 10   |   |           | T 0000 /01 /14 |
|----|--------|---|-----------|----------------|
| -  | 42     | (((((("0527513") or ("1593863") or        | USPAT;    | 2003/01/14     |
|    | ·      | ("3237414") or ("3373821") or ("3755829") | US-PGPUB; | 13:34          |
|    |        | or ("3822499") or ("3842606") or          | EPO; JPO  |                |
|    |        | ("3846990") or ("3894397") or ("3938338") |           |                |
|    |        | or ("4027486") or ("4118937") or          |           |                |
|    |        | ("4175887") or ("4178517") or ("4234266") |           |                |
|    |        | or ("4264233") or ("4341489") or          |           |                |
|    |        | ("4407607") or ("4431337") or ("4669913") | ŀ         |                |
|    |        | or ("4691661") or ("4712944") or          |           |                |
|    |        | ("4729691") or ("4729692") or ("4776724") |           |                |
|    |        | or ("4776725")).PN.) or ((("4844654") or  |           |                |
| 1  |        | ("4856933") or ("4856934") or ("4856935") |           |                |
|    |        | or ("4900188") or ("5104258") or          |           |                |
|    |        | ("5122015") or ("5192161") or ("5238325") |           |                |
|    |        | or ("5238326") or ("5246307") or          |           |                |
|    |        | ("5250696") or ("5259696") or ("5556229") |           |                |
|    |        | or ("5564369") or ("5575584") or          |           |                |
| i  |        | ("5700108") or ("5879105") or             |           |                |
|    |        | ("4748338")).PN.)) or (((405/26).CCLS.)   |           |                |
|    |        | or ((405/21,30,28,33,35,63,70,76).CCLS.)  |           |                |
|    |        | ) ) and (flanged or flange)) and (recess  |           |                |
|    |        | or projection or turbulence)              | 1         |                |
| 1_ | 9      |   | USPAT     | 2003/01/14     |
| _  |        | US-5238326-\$ or US-5122015-\$ or         | OJENI     | 13:38          |
|    |        | US-4431337-\$ or US-4341489-\$ or         |           | 13.30          |
|    |        | US-4027486-\$ or US-1593863-\$ or         |           |                |
|    |        | US-3991576-\$).did.                       |           |                |
|    | 356    | 1   | USPAT     | 2003/01/15     |
| -  | 336    | (403/13,16).CCL3.                         | USPAI     | 15:13          |
|    | 121800 | (block or module ) and (hollow or         | USPAT;    | 2003/01/15     |
| -  | 121800 |   | 1         | 17:11          |
|    |        | buoyant)                                  | US-PGPUB; | 17:11          |
|    | 42061  | //11 2                                    | EPO; JPO  | 2002/01/15     |
| -  | 43961  | ((block or module ) and (hollow or        | USPAT;    | 2003/01/15     |
|    | ľ      | buoyant)) and (flang\$4 or lip\$3)        | US-PGPUB; | 17:12          |
|    |        |   | EPO; JPO  | 2000/01/15     |
| -  | 21700  | (((block or module ) and (hollow or       | USPAT;    | 2003/01/15     |
|    |        | buoyant)) and (flang\$4 or lip\$3)) and   | US-PGPUB; | 17:24          |
|    |        | (recess or protuberance or projection)    | EPO; JPO  |                |
| -  | 21700  | (((block or module ) and (hollow or       | USPAT;    | 2003/01/15     |
|    |        | buoyant)) and (flang\$4 or lip\$3)) and   | US-PGPUB; | 17:27          |
|    |        | (recess or protuberance or projection)    | EPO; JPO  |                |
| -  | 1948   | ((((block or module ) and (hollow or      | USPAT;    | 2003/01/15     |
|    |        | buoyant)) and (flang\$4 or lip\$3)) and   | US-PGPUB; | 17:28          |
|    |        | (recess or protuberance or projection) )  | EPO; JPO  |                |
|    |        | and (flange or lip) same opposed          |           |                |
| -  | 962    | (((((block or module)) and (hollow or     | USPAT;    | 2003/01/15     |
|    |        | buoyant)) and (flang\$4 or lip\$3)) and   | US-PGPUB; | 17:28          |
|    |        | (recess or protuberance or projection) )  | EPO; JPO  |                |
|    |        | and (flange or lip) same opposed) and     |           |                |
|    |        | (hole or aperture) same (flange or lip)   |           |                |
| -  | 7712   | (((block or module ) and (hollow or       | USPAT;    | 2003/01/15     |
|    |        | buoyant)) and (flang\$4 or lip\$3)) and   | US-PGPUB; | 17:27          |
|    |        | (rib)                                     | EPO; JPO  |                |
| -  | 762    | (((block or module ) and (hollow or       | USPAT;    | 2003/01/15     |
| 1  |        | buoyant)) and (flang\$4 or lip\$3)) and   | US-PGPUB; | 17:27          |
|    | 1      | (ribbed)                                  | EPO; JPO  |                |
| -  | 4462   | (((block or module ) and (hollow or       | USPAT;    | 2003/01/15     |
|    |        | buoyant)) and (flang\$4 or lip\$3)) and   | US-PGPUB; | 17:28          |
|    |        | (ridge)                                   | EPO; JPO  |                |
| -  | 10961  | ((((block or module ) and (hollow or      | USPAT;    | 2003/01/15     |
|    |        | buoyant)) and (flang\$4 or lip\$3)) and   | US-PGPUB; | 17:28          |
|    |        | (rib) ) or (((block or module ) and       | EPO; JPO  |                |
|    |        | (hollow or buoyant)) and (flang\$4 or     |           |                |
|    |        | lip\$3)) and (ribbed) ) or (((block or    |           |                |
|    |        | module ) and (hollow or buoyant)) and     |           |                |
| 1  | 1      | (flang\$4 or lip\$3)) and (ridge) )       | 1         | į              |

| - | 25621 | ((((block or module ) and (hollow or  | USPAT;                | 2003/01/15          |
|---|-------|---|-----------------------|---------------------|
|   |       | buoyant)) and (flang\$4 or lip\$3)) and   | US-PGPUB;             | 17:28               |
|   |       | (recess or protuberance or projection))   | EPO; JPO              |                     |
|   |       | or ((((block or module ) and (hollow or buoyant)) and (flang\$4 or lip\$3)) and   |                       |                     |
| l |       | (rib) ) or (((block or module ) and   |                       |                     |
|   |       | (hollow or buoyant)) and (flang\$4 or   |                       |                     |
|   |       | lip\$3)) and (ribbed) ) or (((block or  |                       |                     |
|   |       | module ) and (hollow or buoyant)) and   |                       |                     |
|   |       | (flang\$4 or lip\$3)) and (ridge) ))  |                       |                     |
| - | 2290  | ((((block or module ) and (hollow or  | USPAT;                | 2003/01/15          |
|   |       | buoyant)) and (flang\$4 or lip\$3)) and   | US-PGPUB;             | 17:28               |
|   |       | (recess or protuberance or projection) )  | EPO; JPO              |                     |
|   |       | or ((((block or module ) and (hollow or   |                       |                     |
| · |       | buoyant)) and (flang\$4 or lip\$3)) and   |                       |                     |
|   |       | (rib) ) or (((block or module)) and   |                       | j                   |
|   |       | (hollow or buoyant)) and (flang\$4 or lip\$3)) and (ribbed) ) or (((block or      |                       | ì                   |
|   |       | module ) and (hollow or buoyant)) and   |                       |                     |
|   |       | (flang\$4 or lip\$3)) and (ridge) ))) and   |                       |                     |
|   |       | (flange or lip) same opposed  |                       |                     |
| - | 1126  | ((((((block or module ) and (hollow or  | USPAT;                | 2003/01/15          |
|   |       | buoyant)) and (flang\$4 or lip\$3)) and   | US-PGPUB;             | 17:32               |
|   |       | (recess or protuberance or projection) )  | EPO; JPO              |                     |
|   |       | or ((((block or module ) and (hollow or   |                       |                     |
|   |       | buoyant)) and (flang\$4 or lip\$3)) and   |                       |                     |
|   |       | (rib) ) or ((((block or module ) and  |                       |                     |
|   |       | (hollow or buoyant)) and (flang\$4 or   |                       |                     |
|   |       | lip\$3)) and (ribbed) ) or (((block or  |                       |                     |
|   |       | module ) and (hollow or buoyant)) and   |                       |                     |
|   |       | (flang\$4 or lip\$3)) and (ridge) ))) and (flange or lip) same opposed) and (hole |                       |                     |
|   |       | or aperture) same (flange or lip)   |                       |                     |
| _ | 67    | I   | USPAT;                | 2003/01/15          |
|   | "     | buoyant)) and (flang\$4 or lip\$3)) and   | US-PGPUB;             | 17:29               |
|   |       | (recess or protuberance or projection) )  | EPO; JPO              |                     |
|   |       | or ((((block or module ) and (hollow or   |                       |                     |
|   |       | buoyant)) and (flang\$4 or lip\$3)) and   |                       |                     |
|   |       | (rib) ) or ((((block or module ) and  |                       |                     |
|   |       | (hollow or buoyant)) and (flang\$4 or   |                       |                     |
|   |       | lip\$3)) and (ribbed) ) or (((block or  |                       |                     |
|   | 1     | module ) and (hollow or buoyant)) and   |                       |                     |
|   |       | (flang\$4 or lip\$3)) and (ridge) ))) and (flange or lip) same opposed) and (hole |                       |                     |
|   |       | or aperture) same (flange or lip)) and  |                       |                     |
|   |       | hollow adj body   | 1                     |                     |
| - | 51559 | 405/\$  | USPAT;                | 2003/01/15          |
|   |       |   | US-PGPUB;             | 17:32               |
|   |       |   | EPO; JPO              |                     |
| - | 22    |   | USPAT;                | 2003/01/15          |
|   |       | (hollow or buoyant)) and (flang\$4 or   | US-PGPUB;             | 17:33               |
|   |       | lip\$3)) and (recess or protuberance or   | EPO; JPO              |                     |
| 1 |       | <pre>projection) ) or ((((block or module )</pre>                                 |                       |                     |
| 1 |       | and (hollow or buoyant)) and (flang\$4 or   |                       |                     |
|   | 1     | lip\$3)) and (rib) ) or ((((block or  |                       |                     |
| 1 |       | module ) and (hollow or buoyant)) and   |                       |                     |
|   |       | (flang\$4 or lip\$3)) and (ribbed) ) or (((block or module ) and (hollow or       |                       |                     |
|   |       | buoyant)) and (flang\$4 or lip\$3)) and   |                       |                     |
| 1 |       | (ridge) ))) and (flange or lip) same  |                       |                     |
|   |       | opposed)  |                       |                     |
| - | 13    |   | USPAT                 | 2003/01/15          |
|   |       | US-4027486-\$ or US-1593863-\$ or   |                       | 17:36               |
|   |       | US-5879105-\$ or US-5238326-\$ or   |                       |                     |
| 1 |       | US-5122015-\$ or US-4142816-\$ or   |                       | į                   |
|   | 1     | US-3991576-\$ or US-5511902-\$ or   |                       |                     |
| 1 |       | US-0953051-\$ or US-4206748-\$ or   |                       |                     |
|   |       | US-6296237-\$).did.   | HCDAT.                | 2003/01/17          |
| - | 107   | (405/302.7).CCLS.   | USPAT;                | 2003/01/17<br>13:22 |
|   | 1     |   | US-PGPUB;<br>EPO; JPO | 13.22               |
|   |       |   | THEO, OFO             |                     |

|            |      | L. XX 7.00 A.                             |           | 1 2002 /01 /17 |
|------------|------|---|-----------|----------------|
| -          | 1481 | 405/129\$4                                | USPAT;    | 2003/01/17     |
|            |      |   | US-PGPUB; | 13:22          |
|            |      |   | EPO; JPO  | 0000/01/17     |
| -          | 1575 | ((405/302.7).CCLS.) or 405/129\$4         | USPAT;    | 2003/01/17     |
|            |      |   | US-PGPUB; | 13:22          |
|            |      |   | EPO; JPO  |                |
| -          | 291  | (((405/302.7).CCLS.) or 405/129\$4) and   | USPAT;    | 2003/01/17     |
|            |      | bentonite                                 | US-PGPUB; | 13:22          |
|            |      |   | EPO; JPO  |                |
| _          | 172  | ((((405/302.7).CCLS.) or 405/129\$4) and  | USPAT;    | 2003/01/17     |
|            |      | bentonite) and (membrane or flexible or   | US-PGPUB; | 13:25          |
|            | ł    | sheet or HDPE)                            | EPO; JPO  |                |
| _          | 49   |   | USPAT;    | 2003/01/17     |
|            | .,   | bentonite) and (geosynthetic or           | US-PGPUB; | 13:26          |
|            |      | geotextile)                               | EPO; JPO  |                |
| _          | 177  | 1 -                                       | USPAT;    | 2003/01/17     |
| _          | '''  | bentonite) and (membrane or flexible or   | US-PGPUB; | 13:51          |
|            |      | sheet or HDPE)) or ((((405/302.7).CCLS.)  | EPO; JPO  |                |
|            |      |   | EFO, UFO  |                |
|            | 1    | or 405/129\$4) and bentonite) and         |           | 1              |
|            |      | (geosynthetic or geotextile))             | IICDAM:   | 2002/01/17     |
| -          | 86   |   | USPAT;    | 2003/01/17     |
|            |      | bentonite) and (membrane or flexible or   | US-PGPUB; | 15:57          |
| 1          |      | sheet or HDPE)) or ((((405/302.7).CCLS.)  | EPO; JPO  |                |
| 1          |      | or 405/129\$4) and bentonite) and         | 1         | j l            |
|            |      | (geosynthetic or geotextile))) and liner  |           |                |
| -          | 14   | ("3445322"   "3466827"   "3561177"        | USPAT     | 2003/01/17     |
| İ          |      | "4070839"   "4344722"   "4467015"         |           | 14:15          |
|            |      | "4501788"   "4565468"   "4693923"         |           |                |
|            |      | "4943185"   "5041330"   "5180255"         |           |                |
|            |      | "5187915"   "5501753").PN.                |           |                |
| i <b>-</b> | 13   |   | USPAT;    | 2003/01/17     |
|            | 1    | and bentonite) and (membrane or flexible  | US-PGPUB; | 14:53          |
| ì          |      | or sheet or HDPE)) or                     | EPO; JPO  |                |
|            |      | (((((405/302.7).CCLS.) or 405/129\$4) and | ====      |                |
| İ          |      | bentonite) and (geosynthetic or           |           |                |
|            |      | geotextile))) and liner) and overlap\$5   |           |                |
|            |      | same seam                                 |           |                |
|            | 0    | I   | USPAT;    | 2003/01/17     |
| 1 -        |      | and bentonite) and (membrane or flexible  | US-PGPUB; | 14:33          |
|            |      |   | EPO; JPO  | 17.55          |
|            |      | or sheet or HDPE)) or                     | EPO, 0PO  |                |
|            |      | (((((405/302.7).CCLS.) or 405/129\$4) and |           |                |
|            |      | bentonite) and (geosynthetic or           |           |                |
|            |      | geotextile))) and liner) and shingl\$5    |           | 2002/01/17     |
| -          | 20   |   | USPAT;    | 2003/01/17     |
|            |      | and bentonite) and (membrane or flexible  | US-PGPUB; | 14:54          |
|            | 1    | or sheet or HDPE)) or                     | EPO; JPO  |                |
|            |      | (((((405/302.7).CCLS.) or 405/129\$4) and |           |                |
|            | 1    | bentonite) and (geosynthetic or           |           |                |
|            |      | geotextile))) and liner) and overlap\$5   | 1         |                |
|            | 1    | same sheet                                |           |                |
| -          | 18   | (((((((405/302.7).CCLS.) or 405/129\$4)   | USPAT;    | 2003/01/17     |
|            |      | and bentonite) and (membrane or flexible  | US-PGPUB; | 14:54          |
|            | 1    | or sheet or HDPE)) or                     | EPO; JPO  |                |
|            | 1    | (((((405/302.7).CCLS.) or 405/129\$4) and |           |                |
|            |      | bentonite) and (geosynthetic or           |           |                |
|            | 1    | geotextile))) and liner) and overlap\$5   |           |                |
|            | 1    | same liner                                | 1         |                |
| 1          | 1    | Dumo Allici                               | l .       | L              |

|    |    |   |           | 1            |
|----|----|---|-----------|--------------|
| -  | 29 | ((((((((405/302.7).CCLS.) or 405/129\$4)                                | USPAT;    | 2003/01/17   |
|    |    | and bentonite) and (membrane or flexible                                | US-PGPUB; | 14:58        |
|    |    | or sheet or HDPE)) or   | EPO; JPO  |              |
|    |    | (((((405/302.7).CCLS.) or 405/129\$4) and                               |           | 1            |
|    |    | bentonite) and (geosynthetic or   |           |              |
|    |    | geotextile))) and liner) and overlap\$5                                 |           | İ            |
|    |    | same seam) or (((((((405/302.7).CCLS.)                                  |           |              |
|    |    | or 405/129\$4) and bentonite) and                                       |           |              |
|    |    | (membrane or flexible or sheet or HDPE))                                |           |              |
|    |    | or (((((405/302.7).CCLS.) or 405/129\$4)                                |           |              |
|    |    | and bentonite) and (geosynthetic or                                     |           |              |
| 1  |    | <pre>geotextile))) and liner) and overlap\$5</pre>                      |           |              |
|    | İ  | same sheet) or (((((((405/302.7).CCLS.)                                 |           |              |
|    |    | or 405/129\$4) and bentonite) and                                       |           |              |
| 1  |    | (membrane or flexible or sheet or HDPE))                                |           |              |
|    |    | or (((((405/302.7).CCLS.) or 405/129\$4)                                |           |              |
| 1  |    | and bentonite) and (geosynthetic or                                     |           |              |
|    |    | geotextile))) and liner) and overlap\$5                                 |           |              |
|    |    | same liner)   | İ         |              |
| 1_ | 4  | (((((((((405/302.7).CCLS.) or 405/129\$4)                               | USPAT;    | 2003/01/17   |
| -  | 4  | and bentonite) and (membrane or flexible                                | US-PGPUB; | 14:59        |
|    |    | or sheet or HDPE)) or   | EPO; JPO  | 14.33        |
|    |    | (((((405/302.7).CCLS.) or 405/129\$4) and                               | Bro, oro  |              |
|    |    |   |           |              |
|    |    | bentonite) and (geosynthetic or geotextile))) and liner) and overlap\$5 |           |              |
|    |    |   |           |              |
|    |    | same seam) or (((((((405/302.7).CCLS.)                                  |           |              |
|    | 1  | or 405/129\$4) and bentonite) and                                       |           |              |
|    |    | (membrane or flexible or sheet or HDPE))                                |           |              |
|    |    | or (((((405/302.7).CCLS.) or 405/129\$4)                                |           |              |
|    |    | and bentonite) and (geosynthetic or                                     |           |              |
|    |    | geotextile))) and liner) and overlap\$5                                 |           |              |
|    |    | same sheet) or (((((((405/302.7).CCLS.)                                 |           |              |
|    |    | or 405/129\$4) and bentonite) and                                       |           |              |
|    |    | (membrane or flexible or sheet or HDPE))                                |           |              |
|    |    | or (((((405/302.7).CCLS.) or 405/129\$4)                                |           |              |
|    |    | and bentonite) and (geosynthetic or                                     |           |              |
|    |    | geotextile))) and liner) and overlap\$5                                 |           |              |
|    | _  | same liner)) and soil same compact\$3                                   |           | 2002 (01 (17 |
| -  | 5  |   | USPAT;    | 2003/01/17   |
|    |    | and bentonite) and (membrane or flexible                                | US-PGPUB; | 14:59        |
|    |    | or sheet or HDPE)) or   | EPO; JPO  |              |
|    |    | (((((405/302.7).CCLS.) or 405/129\$4) and                               |           |              |
|    |    | bentonite) and (geosynthetic or   |           |              |
|    |    | geotextile))) and liner) and overlap\$5                                 |           |              |
|    |    | same seam) or (((((((405/302.7).CCLS.)                                  | 1         |              |
|    |    | or 405/129\$4) and bentonite) and                                       |           |              |
|    |    | (membrane or flexible or sheet or HDPE))                                |           |              |
|    |    | or (((((405/302.7).CCLS.) or 405/129\$4)                                |           |              |
|    |    | and bentonite) and (geosynthetic or                                     |           |              |
|    |    | geotextile))) and liner) and overlap\$5                                 |           |              |
|    |    | same sheet) or (((((((405/302.7).CCLS.)                                 |           |              |
|    |    | or 405/129\$4) and bentonite) and                                       |           |              |
|    |    | (membrane or flexible or sheet or HDPE))                                |           |              |
|    |    | or (((((405/302.7).CCLS.) or 405/129\$4)                                |           |              |
|    |    | and bentonite) and (geosynthetic or                                     |           |              |
|    |    | geotextile))) and liner) and overlap\$5                                 |           |              |
|    | 1  | same liner)) and soil same compress\$3                                  | I         | 1            |

| Γ= Τ | 6 | ((((((((((405/302.7).CCLS.) or 405/129\$4)   | USPAT;    | 2003/01/17 |
|------|---|--|-----------|------------|
|      | J | and bentonite) and (membrane or flexible     | US-PGPUB; | 14:59      |
|      |   | or sheet or HDPE)) or                        | EPO; JPO  |            |
|      | • | (((((405/302.7).CCLS.)  or  405/129\$4)  and |           |            |
|      |   | bentonite) and (geosynthetic or              |           |            |
| 1    |   | geotextile))) and liner) and overlap\$5      |           |            |
|      |   | same seam) or (((((((405/302.7).CCLS.)       |           |            |
|      |   | or 405/129\$4) and bentonite) and            |           |            |
|      |   | (membrane or flexible or sheet or HDPE))     |           |            |
|      |   | or ((((405/302.7).CCLS.) or 405/129\$4)      |           | 1          |
|      |   | and bentonite) and (geosynthetic or          |           |            |
|      |   |  |           |            |
|      |   | geotextile))) and liner) and overlap\$5      |           |            |
|      |   | same sheet) or (((((((405/302.7).CCLS.)      |           |            |
|      |   | or 405/129\$4) and bentonite) and            |           |            |
|      |   | (membrane or flexible or sheet or HDPE))     |           |            |
| 1.   |   | or (((((405/302.7).CCLS.) or 405/129\$4)     |           |            |
|      |   | and bentonite) and (geosynthetic or          |           |            |
|      |   | geotextile))) and liner) and overlap\$5      |           |            |
| 1    |   | same liner)) and soil same pack\$3           |           |            |

| - | 10 | ((((((((((((((((((((((((((((((((((((((  | USPAT;    | 2003/01/17 |
|---|----|---|-----------|------------|
|   |    | and bentonite) and (membrane or flexible                                      | US-PGPUB; | 17:13      |
|   |    | or sheet or HDPE)) or   | EPO; JPO  |            |
| , |    | (((((405/302.7).CCLS.) or 405/129\$4) and                                     |           |            |
| 1 |    | bentonite) and (geosynthetic or   |           |            |
|   |    | geotextile))) and liner) and overlap\$5                                       |           |            |
|   |    | same seam) or (((((((405/302.7).CCLS.)  |           |            |
|   |    | or 405/129\$4) and bentonite) and   |           |            |
|   |    | (membrane or flexible or sheet or HDPE))                                      |           |            |
|   |    | or (((((405/302.7).CCLS.) or 405/129\$4)                                      |           |            |
|   |    | and bentonite) and (geosynthetic or   |           | 1          |
|   |    | geotextile))) and liner) and overlap\$5                                       |           |            |
|   |    | same sheet) or (((((((405/302.7).CCLS.)                                       |           |            |
|   |    | or 405/129\$4) and bentonite) and   | 1         |            |
|   |    | (membrane or flexible or sheet or HDPE))                                      |           |            |
|   |    | or (((((405/302.7).CCLS.) or 405/129\$4)                                      |           |            |
|   |    | and bentonite) and (geosynthetic or   |           |            |
|   |    | geotextile))) and liner) and overlap\$5                                       |           |            |
|   |    | same liner)) and soil same compact\$3) or                                     |           |            |
|   |    | ((((((((((((((((((((((((((((((((((((((  |           |            |
|   |    | and bentonite) and (membrane or flexible                                      |           |            |
|   |    | or sheet or HDPE)) or   |           |            |
|   |    | (((((405/302.7).CCLS.) or 405/129\$4) and                                     |           |            |
|   |    | bentonite) and (geosynthetic or   |           |            |
|   |    | geotextile))) and liner) and overlap\$5                                       |           |            |
|   |    | same seam) or (((((((405/302.7).CCLS.)<br>  or 405/129\$4) and bentonite) and |           |            |
|   |    | (membrane or flexible or sheet or HDPE))                                      |           |            |
|   |    | ·   |           |            |
|   |    | or (((((405/302.7).CCLS.) or 405/129\$4)                                      |           |            |
|   |    | and bentonite) and (geosynthetic or geotextile))) and liner) and overlap\$5   |           |            |
|   |    | same sheet) or (((((((405/302.7).CCLS.)                                       |           |            |
| 1 |    | or 405/129\$4) and bentonite) and   |           |            |
|   |    | (membrane or flexible or sheet or HDPE))                                      |           |            |
|   |    | or (((((405/302.7).CCLS.) or 405/129\$4)                                      |           |            |
|   |    | and bentonite) and (geosynthetic or   |           |            |
|   | Į  | <pre>geotextile))) and liner) and overlap\$5</pre>                            |           |            |
|   |    | same liner)) and soil same compress\$3) or                                    |           |            |
|   | İ  | ((((((((((((((((((((((((((((((((((((((  |           |            |
|   |    | and bentonite) and (membrane or flexible                                      | Į.        |            |
|   |    | or sheet or HDPE)) or   | 1         |            |
|   |    | (((((405/302.7).CCLS.) or 405/129\$4) and                                     |           |            |
|   |    | bentonite) and (geosynthetic or   |           |            |
|   |    | geotextile))) and liner) and overlap\$5                                       |           |            |
|   |    | same seam) or (((((((405/302.7).CCLS.)  |           |            |
|   |    | or 405/129\$4) and bentonite) and   |           |            |
|   |    | (membrane or flexible or sheet or HDPE))                                      |           |            |
|   |    | or (((((405/302.7).CCLS.) or 405/129\$4)                                      |           |            |
|   |    | and bentonite) and (geosynthetic or   |           |            |
|   |    | geotextile))) and liner) and overlap\$5                                       | [         |            |
|   |    | same sheet) or (((((((405/302.7).CCLS.)                                       |           |            |
|   |    | or 405/129\$4) and bentonite) and   |           |            |
|   |    | (membrane or flexible or sheet or HDPE))                                      |           |            |
|   |    | or (((((405/302.7).CCLS.) or 405/129\$4)                                      |           |            |
|   |    | and bentonite) and (geosynthetic or   | 1         |            |
|   |    | geotextile))) and liner) and overlap\$5                                       |           |            |
| L | l  | same liner)) and soil same pack\$3)   |           |            |

|   |    | 1 / / / / / / / / / / / / / / / / / / /  | TICDAM.             | 2002/01/17          |
|---|----|--|---------------------|---------------------|
| - | 10 | ((((((((((((405/302.7).CCLS.) or 405/129\$4)<br>and bentonite) and (membrane or flexible | USPAT;<br>US-PGPUB; | 2003/01/17<br>17:15 |
|   |    | or sheet or HDPE)) or  | EPO; JPO            | 17.13               |
|   |    | (((((405/302.7).CCLS.) or 405/129\$4) and  | 210, 010            |                     |
|   |    | bentonite) and (geosynthetic or  |                     | 1                   |
|   |    | <pre>geotextile))) and liner) and overlap\$5</pre>                                       |                     |                     |
|   |    | same seam) or (((((((405/302.7).CCLS.)   |                     |                     |
|   |    | or 405/129\$4) and bentonite) and  |                     |                     |
|   |    | (membrane or flexible or sheet or HDPE))   |                     |                     |
| 1 |    | or (((((405/302.7).CCLS.) or 405/129\$4)   |                     |                     |
|   |    | and bentonite) and (geosynthetic or  |                     |                     |
|   |    | geotextile))) and liner) and overlap\$5  |                     |                     |
|   |    | same sheet) or (((((((405/302.7).CCLS.)  |                     |                     |
|   |    | or 405/129\$4) and bentonite) and (membrane or flexible or sheet or HDPE))               |                     |                     |
|   |    | or (((((405/302.7).CCLS.) or 405/129\$4)   | ,                   |                     |
|   |    | and bentonite) and (geosynthetic or  |                     |                     |
|   |    | geotextile))) and liner) and overlap\$5  | i                   |                     |
|   |    | same liner)) and soil same compact\$3) or  |                     |                     |
|   |    | ((((((((((405/302.7).ccls.) or 405/129\$4)   |                     |                     |
|   |    | and bentonite) and (membrane or flexible   |                     |                     |
|   |    | or sheet or HDPE)) or  |                     |                     |
|   |    | (((((405/302.7).CCLS.) or 405/129\$4) and  |                     |                     |
|   |    | bentonite) and (geosynthetic or  |                     |                     |
|   |    | geotextile))) and liner) and overlap\$5  |                     |                     |
|   |    | same seam) or (((((((405/302.7).CCLS.)   |                     |                     |
|   |    | or 405/129\$4) and bentonite) and  |                     | İ                   |
|   |    | (membrane or flexible or sheet or HDPE))   |                     |                     |
| } |    | or (((((405/302.7).CCLS.) or 405/129\$4)   |                     |                     |
|   |    | and bentonite) and (geosynthetic or geotextile))) and liner) and overlap\$5              |                     |                     |
|   |    | same sheet) or ((((((405/302.7).CCLS.)   |                     |                     |
|   |    | or 405/129\$4) and bentonite) and  |                     |                     |
|   |    | (membrane or flexible or sheet or HDPE))   |                     |                     |
|   |    | or (((((405/302.7).CCLS.) or 405/129\$4)   |                     | }                   |
|   |    | and bentonite) and (geosynthetic or  |                     |                     |
|   |    | <pre>geotextile))) and liner) and overlap\$5</pre>                                       |                     |                     |
|   |    | same liner)) and soil same compress\$3) or   |                     |                     |
|   |    | ((((((((((((((((((((((((((((((((((((   |                     |                     |
|   |    | and bentonite) and (membrane or flexible   |                     |                     |
|   |    | or sheet or HDPE)) or  | }                   |                     |
|   |    | (((((405/302.7).CCLS.) or 405/129\$4) and  |                     |                     |
|   |    | bentonite) and (geosynthetic or geotextile))) and liner) and overlap\$5                  |                     |                     |
|   |    | same seam) or (((((((405/302.7).CCLS.)   |                     |                     |
|   |    | or 405/129\$4) and bentonite) and  |                     |                     |
|   |    | (membrane or flexible or sheet or HDPE))   |                     |                     |
|   |    | or (((((405/302.7).CCLS.) or 405/129\$4)   |                     |                     |
|   |    | and bentonite) and (geosynthetic or  |                     |                     |
|   |    | geotextile))) and liner) and overlap\$5  |                     |                     |
|   |    | same sheet) or (((((((405/302.7).CCLS.)  |                     |                     |
|   |    | or 405/129\$4) and bentonite) and  |                     |                     |
|   |    | (membrane or flexible or sheet or HDPE))   |                     |                     |
|   |    | or (((((405/302.7).CCLS.) or 405/129\$4)   |                     |                     |
|   |    | and bentonite) and (geosynthetic or geotextile))) and liner) and overlap\$5              |                     |                     |
|   |    | same liner)) and soil same pack\$3)  |                     |                     |
| _ | 27 | • · · · · · · · · · · · · · · · · · · ·  | USPAT;              | 2003/01/17          |
|   |    | US-4341489-\$ or US-1593863-\$ or  | US-PGPUB            | 17:15               |
| 1 |    | US-5879105-\$ or US-5238326-\$ or  |                     |                     |
|   |    | US-5122015-\$ or US-4142816-\$ or  |                     |                     |
|   |    | US-3991576-\$ or US-5511902-\$ or  |                     |                     |
| 1 |    | US-0953051-\$ or US-4206748-\$ or  | 1                   |                     |
| 1 |    | US-6296237-\$ or US-6431793-\$ or  |                     |                     |
|   |    | US-6197398-\$ or US-6095720-\$ or  |                     |                     |
| 1 |    | US-5860772-\$ or US-5788413-\$ or  |                     |                     |
| 1 |    | US-5041330-\$ or US-4467015-\$ or US-5690448-\$ or US-5564864-\$ or                      |                     |                     |
|   |    | US-5350255-\$ or US-5529438-\$ or  |                     |                     |
| 1 |    | US-5360294-\$ or US-5261766-\$).did. or  |                     |                     |
| 1 |    | (US-20020172814-\$).did.   |                     |                     |
| L | L  | 1 1  | ·                   |                     |

|   |     |  | T         | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
|---|-----|--|-----------|---|
| - | 0   | gse.in.  | USPAT;    | 2003/01/17                              |
|   |     |  | US-PGPUB; | 17:20                                   |
|   |     |  | EPO; JPO  |   |
| - | 60  | gse.as.  | USPAT;    | 2003/01/17                              |
|   |     |  | US-PGPUB; | 17:20                                   |
|   |     |  | EPO; JPO  |   |
| - | 7   | gse.as. and (liner or membrane or  | USPAT;    | 2003/06/16                              |
|   |     | bentonite)   | US-PGPUB; | 19:07                                   |
|   |     |  | EPO; JPO  |   |
| _ | 3   | ("Re32103"   "4501788"   "5221570").PN.  | USPAT     | 2003/01/17                              |
|   |     |  |           | 17:22                                   |
| _ | 68  | geosynthetic adj clay adj liner  | USPAT;    | 2003/06/16                              |
|   |     |  | US-PGPUB; | 19:08                                   |
|   |     |  | EPO; JPO; |   |
|   |     |  | DERWENT   | <u> </u>                                |
| _ | 452 | GCL  | USPAT;    | 2003/06/16                              |
|   |     |  | US-PGPUB; | 19:08                                   |
| 1 |     |  | EPO; JPO; |   |
|   |     |  | DERWENT   |   |
| _ | 491 | (geosynthetic adj clay adj liner) or GCL   | USPAT;    | 2003/06/16                              |
|   | 171 | (goodingmoode any office any famous, of ood  | US-PGPUB; | 19:09                                   |
|   |     |  | EPO; JPO; |   |
|   |     |  | DERWENT   |   |
| _ | 6   | ((geosynthetic adj clay adj liner) or  | USPAT;    | 2003/06/16                              |
| - |     | GCL) and compacted adj (soil or clay) adj  | US-PGPUB; | 19:09                                   |
|   |     | liner  | EPO; JPO; | 13.03                                   |
|   |     | TIMEL  | DERWENT   |   |
|   | 4   | "6189630"  | USPAT;    | 2003/06/17                              |
| - |     | 0109030  | US-PGPUB; | 13:17                                   |
|   |     |  | EPO; JPO  | 13.17                                   |
| _ | 44  | ( "1593863" or "3237414" or "3373821" or   | USPAT     | 2004/01/16                              |
|   |     | ( 1595005 01 5257414 01 5575021 01   | OSFAI     | 17:28                                   |
|   |     | or "3822499" or "3842606" or "3846990" or  |           | 17.20                                   |
|   |     | "3894397"  |           |   |
|   |     | or "3938338" or "4027486" or "4118937" or  |           |   |
|   |     | "4175887"  |           |   |
|   |     | or "4178517" or "4234266" or "4264233" or  |           |   |
|   |     | 1 "4341489"  |           |   |
|   |     | 1 1011111  |           |   |
|   |     |  |           |   |
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|   |     |  |           |   |
|   |     | "5192161"  |           |   |
|   |     | 1  |           |   |
| } |     | i de la companya de la companya de la companya de la companya de la companya de la companya de la companya de                        |           |   |
|   |     |  |           |   |
|   |     | "5564369"  |           |   |
|   |     |  |           |   |
|   |     | "4748338" ).pn.  |           |   |
|   |     | or "5122015" or "5238325" or "5238326" or "5246307" or "5250696" or "5556229" or "5564369" or "5575584" or "5700108" or "5879105" or |           |   |

|   |          | <u></u>                                  |           |            |
|---|----------|--|-----------|------------|
| - | 64       | (US-4431337-\$ or US-4341489-\$ or       | USPAT;    | 2004/01/16 |
|   |          | US-4027486-\$ or US-5879105-\$ or        | US-PGPUB  | 17:31      |
|   |          | US-1593863-\$ or US-5238326-\$ or        |           |            |
|   |          | US-5122015-\$ or US-4142816-\$ or        |           |            |
|   | <u> </u> | US-3991576-\$ or US-5511902-\$ or        |           |            |
|   |          | US-0953051-\$ or US-4206748-\$ or        |           |            |
|   |          | US-6296237-\$ or US-6431793-\$ or        |           |            |
|   |          | US-6197398-\$ or US-6095720-\$ or        |           |            |
|   |          | US-5860772-\$ or US-5788413-\$ or        |           |            |
| 8 |          | US-5690448-\$ or US-5564864-\$ or        |           |            |
|   |          | US-5529438-\$ or US-5360294-\$ or        |           |            |
|   |          | US-5350255-\$ or US-5261766-\$ or        |           |            |
|   |          | US-5041330-\$ or US-4467015-\$).did. or  |           |            |
|   |          | (US-RE35272-\$ or US-5259696-\$ or       |           |            |
|   |          | US-5556229-\$ or US-5564369-\$ or        |           |            |
|   |          | US-5575584-\$ or US-5700108-\$ or        |           |            |
|   |          | US-5246307-\$ or US-5238325-\$ or        | ļ         |            |
|   |          | US-5192161-\$ or US-5104258-\$ or        | ĺ         |            |
|   |          | US-4900188-\$ or US-4856935-\$ or        |           |            |
|   |          | US-4856934-\$ or US-4856933-\$ or        |           |            |
|   |          | US-4844654-\$ or US-4776725-\$ or        | i         |            |
|   |          | US-4776724-\$ or US-4748338-\$ or        |           |            |
|   |          | US-4729692-\$ or US-4729691-\$ or        |           |            |
|   |          | US-4712944-\$ or US-4691661-\$ or        |           |            |
|   |          | US-4669913-\$ or US-4407607-\$ or        |           |            |
| ĺ |          | US-4264233-\$ or US-4234266-\$ or        |           |            |
|   |          | US-4178517-\$).did. or (US-4175887-\$ or |           |            |
|   |          | US-4118937-\$ or US-3938338-\$ or        |           |            |
|   |          | US-3894397-\$ or US-3846990-\$ or        |           |            |
|   |          | US-3842606-\$ or US-3822499-\$ or        |           |            |
|   |          | US-3755829-\$ or US-3373821-\$ or        |           |            |
|   |          | US-3237414-\$).did. or                   |           |            |
|   | _        | (US-20020172814-\$).did.                 | HCDATT:   | 2004/01/16 |
| - | 1        | ("0527513").PN.                          | USPAT;    | 2004/01/16 |
|   |          |  | US-PGPUB; | 17:45      |
|   |          |  | EPO; JPO; |            |
| 1 |          | "0.552000"                               | DERWENT   | 2004/01/16 |
| - | 8        | "2663900"                                | USPAT;    | 17:57      |
| 1 |          |  | US-PGPUB; | 17:37      |
|   | 1        |  | EPO; JPO; |            |
|   | _        | 10/110100                                | DERWENT   | 2004/01/16 |
| _ | 2        | 10/118108                                | USPAT;    | 2004/01/16 |
|   | 1        |  | US-PGPUB; | 20:27      |
|   |          |  | EPO; JPO; |            |
| 1 | I        |  | DERWENT   |            |

|    | 65  | (US-4431337-\$ or US-4341489-\$ or   | USPAT;   | 2004/01/16 |
|----|-----|--|----------|------------|
|    |     | US-4027486-\$ or US-5879105-\$ or  | US-PGPUB | 19:02      |
| 1  |     | US-1593863-\$ or US-5238326-\$ or  |          |            |
|    |     | US-5122015-\$ or US-4142816-\$ or  |          |            |
|    | 1   | US-3991576-\$ or US-5511902-\$ or  |          |            |
|    | 1   | US-0953051-\$ or US-4206748-\$ or  |          |            |
|    |     | US-6296237-\$ or US-6431793-\$ or  |          |            |
|    |     | US-6197398-\$ or US-6095720-\$ or  |          |            |
|    |     | · · · · · · · · · · · · · · · · · · ·                                      |          |            |
|    |     | US-5860772-\$ or US-5788413-\$ or  |          |            |
|    |     | US-5690448-\$ or US-5564864-\$ or  | }        |            |
| 1  |     | US-5529438-\$ or US-5360294-\$ or  |          |            |
|    |     | US-5350255-\$ or US-5261766-\$ or  |          |            |
| 1  |     | US-5041330-\$ or US-4467015-\$).did. or                                    |          |            |
|    |     | (US-RE35272-\$ or US-5259696-\$ or   |          |            |
|    |     | US-5556229-\$ or US-5564369-\$ or  |          |            |
|    |     | US-5575584-\$ or US-5700108-\$ or  |          |            |
|    | İ   | US-5246307-\$ or US-5238325-\$ or  |          |            |
|    |     | US-5192161-\$ or US-5104258-\$ or  |          |            |
|    |     | US-4900188-\$ or US-4856935-\$ or  |          |            |
|    |     | US-4856934-\$ or US-4856933-\$ or  |          |            |
|    |     | · · · · · · · · · · · · · · · · · · ·                                      |          |            |
|    |     | US-4844654-\$ or US-4776725-\$ or  |          |            |
|    |     | US-4776724-\$ or US-4748338-\$ or  |          |            |
|    |     | US-4729692-\$ or US-4729691-\$ or  |          |            |
|    |     | US-4712944-\$ or US-4691661-\$ or  |          |            |
|    |     | US-4669913-\$ or US-4407607-\$ or  |          |            |
|    |     | US-4264233-\$ or US-4234266-\$ or  |          |            |
|    |     | US-4178517-\$).did. or (US-4175887-\$ or                                   |          |            |
|    |     | US-4118937-\$ or US-3938338-\$ or  |          |            |
|    |     | US-3894397-\$ or US-3846990-\$ or  |          |            |
|    |     | US-3842606-\$ or US-3822499-\$ or  |          |            |
|    |     | US-3755829-\$ or US-3373821-\$ or  |          |            |
|    |     |  |          |            |
|    |     | US-3237414-\$ or US-6669403-\$).did. or                                    |          |            |
|    | _   | (US-20020172814-\$).did.   |          | 0004/01/16 |
| -  | ] 1 | (US-0527513-\$).did.   | USOCR    | 2004/01/16 |
|    |     |  |          | 18:52      |
| -  | 42  | ("0527513"   "1593863"   "3237414"   | USPAT    | 2004/01/16 |
| 1  |     | "3373821"   "3755829"   "3822499"  |          | 19:00      |
|    |     | "3842606"   "3846990"   "3894397"  |          |            |
|    |     | "3938338"   "4027486"   "4118937"  |          |            |
|    |     | "4175887"   "4178517"   "4234266"  |          |            |
|    |     | "4264233"   "4341489"   "4407607"  |          |            |
| 1  |     | "4431337"   "4669913"   "4691661"  |          |            |
|    |     | "4712944"   "4729691"   "4729692"  |          |            |
|    |     | "4712944"   "4729691   4729692  <br>  "4748338"   "4776724"   "4776725"    |          |            |
|    | ]   |  |          |            |
| 1  |     | "4844654"   "4856933"   "4856934"  <br>  "4856935"   "4856933"   "5104359" |          |            |
|    |     | "4856935"   "4900188"   "5104258"  |          | 1          |
|    | 1   | "5122015"   "5192161"   "5238325"  |          |            |
| 1  | 1   | "5238326"   "5246307"   "5259696"  |          |            |
|    |     | "5556229"   "5564369"   "5575584").PN.                                     |          |            |
| -  | 3   | 5879105.URPN.  | USPAT    | 2004/01/16 |
| 1  |     |  |          | 19:00      |
| 1_ | 3   | ("0627849"   "3417533"   "3645059").PN.                                    | USPAT    | 2004/01/16 |
|    |     | ,                                    | 1        | 19:01      |
|    | 10  | (cube or cubical or square) with hollow                                    | USPAT;   | 2004/01/16 |
|    |     | with (block or module) with flange   | US-PGPUB | 19:04      |
|    | 12  |  |          | 2004/01/16 |
| -  | 13  | ((cube or cubical or square) with hollow                                   | USPAT;   |            |
| L  | L   | with (block or module)) same flange  | US-PGPUB | 19:04      |